

Test Cases for PDF Bank Statement Generator

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#	Test Case	Input	Expected Outcome	Result
1	Valid customer ID (1)	1	PDF is generated and saved in `statements`	Pass
2	Valid customer ID (2)	2	PDF is generated with correct data	Pass
3	Valid customer ID (3)	3	PDF is generated with alternating transaction colors	Pass
4	Credit and debit values show correct color and math		Red for debit, blue for credit, correct net	Pass
5	Proper logo positioning and load	Logo exists	Logo appears on top left	Pass
6	Customer with many transactions	Modify DB to add many txns	Pagination or full data rendered	Pass
7	No transactions for user	Empty transactions	Show 'no transactions' or skip txn table	Pass
8	File saved in correct location	Any ID	PDF saved to `statements/` dir	Pass
9	Valid email and address fields	Valid data	Rendered correctly in customer section	Pass
10	Handles customer with long description	Long string	Text wraps within cell	Pass
11	Invalid customer ID (0)	0	Show message "Invalid customer ID..."	Pass
12	Customer ID with no matching data	e.g. 10	Show "No data found..."	Pass
13	Logo missing from static/images	Remove logo.png	App should not crash	Fail if crash
14	Incorrect database credentials	Wrong DB config	Prints 'Database Error'	Pass
15	__file__ typo causes crash	__file__ instead of _file_	NameError occurs	Fail (fix it)